

In the Claims:

1. A system for thawing, mixing or processing a biopharmaceutical material, said system comprising:
 - a movable platform; and
 - a container for holding the biopharmaceutical material, said container operatively mounted on said platform to allow said container to be skewed relative to said platform.
2. The system of claim 1 wherein said skewing comprises rotating said container relative to said platform.
3. The system of claim 1 wherein said platform is movable in a first direction and wherein said skewing comprises rotating said container about an axis substantially perpendicular to the first direction.
4. The system of claim 1 wherein said platform is movable in a first direction and said container is configured to rotate up to about 45 degrees relative to an indicator line substantially parallel to the first direction.
5. The system of claim 1 further comprising a base attached to said container wherein said base comprises a first side and a second side and said platform comprises a third side and a fourth side, wherein said first side is substantially aligned with said third side and said second side is substantially aligned with said fourth side in a first position and said base is configured to rotate up to about 45 degrees from said first position.
6. The system of claim 1 wherein said base is tiltable relative to said platform.
7. The system of claim 6 wherein said tilting comprises elevating a first end of said container relative to a second end of said container.
8. The system of claim 1 further comprising a temperature control element for controlling a temperature of the biopharmaceutical material in said container, said temperature control element operably coupled to said container.
9. The system of claim 1 further comprising a driving mechanism for causing movement of said platform.

10. The system of claim 1 further comprising an oscillatory driver configured to move said platform from a first position to a second position and to move said platform from said second position toward said first position, along a surface.

11. The system of claim 1 wherein said container comprises at least one of a cubical shape, a prismatic rectangular shape, a prismatic rhomboidal shape, a prismatic trapezoidal shape, a prismatic polygon shape, a cylindrical shape, a conical shape, a spherical shape, a pyramidal shape, a dome shape, a toroidal shape, and an elongated shape with a narrow waist portion.

12. A system for thawing, mixing, or processing a biopharmaceutical material, said system comprising:

a movable platform; and

a container for holding the biopharmaceutical material, said container operably mounted on said platform and said container tiltable relative to said platform.

13. The system of claim 12 wherein a first end of said container is tiltable relative to a second end of said container.

14. The system of claim 12 wherein said container is tiltable up to about 45 degrees relative to said platform.

15. The system of claim 12 wherein said platform is movable in a first direction and said tilting comprises rotating said base about an axis substantially perpendicular to said first direction.

16. The system of claim 12 wherein said container is skewable relative to said platform.

17. The system of claim 12 wherein said container is configured to be rotated about an axis substantially perpendicular to a bottom surface of said container.

18. The system of claim 12 wherein said platform is movable in a first direction and said skewing comprises rotating said container up to about 45 degrees relative to an indicator line substantially parallel to the first direction.

19. The system of claim 12 wherein a tilting of said container relative to said platform comprises a tilting angle which defines a right triangle having a hypotenuse, a first side and a second side, wherein said platform defines the first side and the second side is opposite said tilting

angle, and wherein said skewing comprises rotating said container about an axis substantially perpendicular to the hypotenuse.

20. The system of claim 19 wherein the container is configured to rotate around said axis up to about 45 degrees.

21. The system of claim 12 further comprising a heating element for heating the biopharmaceutical material, said heating element being operably coupled to said container.

22. The system of claim 12 further comprising an oscillatory driver configured to move said platform from a first position to a second position and to move said platform from said second position toward said first position, along a surface.

23. The system of claim 12 further comprising a driving mechanism for causing movement of said platform.

24. A method for thawing, mixing, or processing biopharmaceutical materials, the method comprising:

moving a container holding the biopharmaceutical material in a first direction; and
skewing the container relative to the first direction.

25. The method of claim 24 wherein the skewing comprises rotating the container about an axis substantially perpendicular to the first direction.

26. The method of claim 25 wherein the skewing comprises rotating the container up to about 45 degrees relative to the first direction.

27. The method of claim 24 further comprising tilting a first end of the container relative to a second end of the container.

28. The method of claim 24 wherein the moving the container comprises moving the container from the first position to a second position along a surface and moving the container from the second position toward the first position along the surface.

29. The method of claim 24 further comprising controlling a temperature of the biopharmaceutical material.

30. A method for thawing, mixing, or processing a biopharmaceutical material, the method comprising:

- moving a container holding the biopharmaceutical material; and
- tilting a first end of the container relative to a second end of the container.

31. The method of claim 30 wherein the tilting comprises tilting the first end of the container up to about 45 degrees relative to the second end.

32. The method of claim 30 wherein the moving comprises moving the container in a first direction and further comprising skewing the container relative to the first direction.

33. The method of claim 32 wherein the moving comprises moving the container in a first direction and at least one of the skewing and the tilting comprises rotating the container about at least one axis substantially perpendicular to the first direction.

34. The method of claim 33 wherein the skewing comprises rotating the container up to about 45 degrees relative to an indicator line substantially parallel to the first direction.

35. The method of claim 30 wherein the tilting comprises a tilting angle which defines a right triangle having a hypotenuse, a first side and a second side, wherein the platform defines the first side and the second side is opposite the tilting angle, and further comprising rotating the container about an axis substantially perpendicular to the hypotenuse.

36. The method of claim 30 wherein the moving the container comprises moving the container from a first position to a second position along a surface and moving the container from the second position toward the first position along the surface.

37. A system for thawing, mixing, or processing a biopharmaceutical material, said system comprising:

- a moveable platform;
- a container for holding the biopharmaceutical material, said container moveably connected to said moveable platform; and
- means for positioning said container relative to said moveable platform in three dimensions.

38. The system of claim 37 wherein said means for positioning comprising means for at least one of tilting and skewing said container relative to said platform.

39. The system of claim 1 wherein said skewing comprises forming a skewed shape of said container relative to said platform.

40. The system of claim 1 wherein said platform is movable in a first direction and wherein said skewing comprises forming a skewed shape of said container relative to an axis substantially perpendicular to the first direction.

41. The system of claim 1 wherein said platform is moveable in a first direction and said container is formed rotated about 45 degrees relative to an indicator line substantially parallel to the first direction.

42. The system of claim 12 wherein said operably mounting comprises said container being formed tilted relative to said platform.

43. A system for thawing, mixing or processing a biopharmaceutical material, said system comprising:

a movable container; and

wherein said container is skewable and tiltable relative to a direction of motion of said container.